

TRANSMITTAL FORM

Application Serial Number	10/629,498
Filing Date	July 29, 2003
First Named Inventor	Lochtefeld
Group Art Unit	2891
Examiner Name	Bradley Smith
Attorney Docket No.	ASC-061
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form
<input checked="" type="checkbox"/> Response to Election Requirement

<input type="checkbox"/> Petition for Extension of Time

<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Copies of IDS Citations

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
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<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application

<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> CD(s) for large table or computer program

<input type="checkbox"/> Amendment After Allowance

<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input type="checkbox"/> Status Inquiry

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<input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|---|---|---|

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SIGNATURE BLOCK

Respectfully submitted,
Date: Nov. 7 2005 Natasha C. Us
Reg. No. 44,381
Tel. No.: (617) 570-1806
Fax No.: (617) 523-1231
Natasha C. Us
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PATENT
Attorney Docket No. ASC-061

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Lochtefeld *et al.*
SERIAL NO.: 10/629,498 GROUP NO.: 2891
FILING DATE: July 29, 2003 EXAMINER: Smith, Bradley
TITLE: SELECTIVE PLACEMENT OF DISLOCATION ARRAYS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO ELECTION REQUIREMENT

Sir:

This paper responds to the Election Requirement mailed from the U.S. Patent and Trademark Office on October 6, 2005, in connection with the above-identified patent application.

The Examiner has required the Applicants to elect one of three perceived patentably distinct species: Species 1: forming a second layer over a first layer; Species 2: forming a regrowth layer between the first layer and the second layer; and Species 3: selecting the thickness of the first layer. Applicants hereby elect, without traverse, Species 2. The claims readable thereon include claims 55-70, drawn to forming a regrowth layer between the first layer and the second layer.

Applicants respectfully request that the application now proceed promptly to examination. Applicants believe that no additional fees are necessitated by the present Response. However, in the event that any additional fees are due, the Commissioner is hereby authorized to charge any such fees to Deposit Account No. 07-1700.

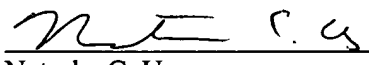
If the Examiner believes that a telephone conversation with Applicants' attorney would expedite allowance of this application, the Examiner is cordially invited to call the undersigned attorney at (617) 570-1806.

Respectfully submitted,

Date: November 4, 2005
Reg. No. 44,381

Tel. No.: (617) 570-1806
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LIBC/2633418v1



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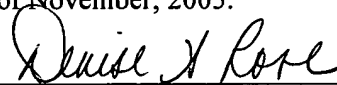
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APPLICANT(S): Lochtefeld *et al.*
SERIAL NO.: 10/629,498 GROUP NO.: 2891
FILING DATE: July 29, 2003 EXAMINER: Bradley Smith
TITLE: SELECTIVE PLACEMENT OF DISLOCATION ARRAYS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 4th day of November, 2005.



Denise A. Rose

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Response to Election Requirement (1 page); and
3. Return receipt postcard.

VER 9/00

LIBC/2550250.1